

Amendments to the Specification:

In the Brief Description of the Drawings section, please amend the present application as follows:

Please add the following new paragraph after the paragraph ending on line 28 of page 8.

Fig. 8 is a schematic diagram of an embodiment of an adaptive beam-tracking system.

Please replace the paragraph beginning at page 8, line 29 with the following rewritten paragraph:

Fig. ~~8A~~9A is a graph of an interferometer antenna pattern of the up and down beams at a center elevation angle at 65 degrees.

Please replace the paragraph beginning at page 9, line 1 with the following rewritten paragraph:

Fig. ~~8B~~9B is a graph of an interferometer antenna pattern of the up and down beams at a center elevation angle at 35 degrees.

Please delete the following paragraph beginning on page 9, line 3.

~~Fig. 9 is a schematic diagram of an embodiment of an adaptive beam-tracking system.~~